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# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
Division of Oil, Gas & Mining

ROBERT L. MORGAN  
Executive Director

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Division Director

Supervisor AGH

## Inspection Report Minerals Regulatory Program Report Date: November 17, 2004

**Mine Name:** Last Chance Clay Mine

**Operator or Permittee Name:**

Western Clay

**Permittee Mailing Address:**

508 E. Center, P. O. Box 127, Aurora, UT 84620

**Inspector(s):** Paul Baker

**Other Participants:** None

**Permit Status:** Active

**Current Acreages:**

**Total Permitted (Bonded):** 10

**Total Disturbed:** Exact acreage unknow; about 10  
acres disturbed

**Permit number:** M/015/061

**Inspection Date:** November 5, 2004

**Weather:** Clear, 50's

**Inspection Start Time:** 1:30 PM

**Inspection End Time:** 2:15 PM

**Site location/Area Inspected (i.e. Pit #):**

Entire area

**Surface Ownership:** BLM

**Mineral Ownership:** BLM

**Mineral Mined:** Clay (Zeolite)

**Type of Mine:** Surfac

Elements of Inspection	Evaluated	N/A	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (open shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Explosives, magazines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Demolition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Backfilling and Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Soils	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Inspection Date: November 5, 2004; Report Date: November 17, 2004  
Page 2 of 2  
M/015/061

**Purpose of Inspection:**

There was no specific purpose for the inspection. I was in the area and decided to visit the site since I hadn't been there in about two years.

**Inspection Summary:**

**General Comments:**

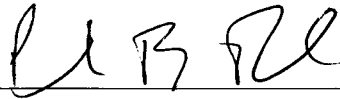
The site has not changed much since the last inspection in February 2003. I did not take photos during that inspection, so I do not have a photo record to compare with the current conditions. I believe there may have been some mining toward the northeast, but it has not been substantial. The site is shown in Photos 3 and 4.

**13. Revegetation**

Photos 1 and 2 show vegetation on clay soils in areas adjacent to the mine. There is obviously not a lot growing in these areas, but there are a few plants, particularly in and next to the rills. When the site is reclaimed, it will be important to leave features that can collect water.

There is a population of Winkler's footcactus north of the mine. This is a listed threatened species. Several plants were flagged a few years ago, and I found plants at most of these flags. At one location (Photo 5), there was a small hole and no plant. It appears the cactus may have been dug up. I have informed a biologist with the Bureau of Land Management of the missing plant.

**Inspector's Signature**



**Date: November 17, 2004**

PBB:jb

Enclosures: Photo Attachment

cc: Brad Boyter, Western Clay  
Angela Wadman, Price BLM

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**ATTACHMENT  
Photographs**

**M/015/0061, Last Chance Clay Mine, Western Clay Company**

Inspection Dated: November 5, 2004; Report Dated: November 17, 2004



**Photo 1. Vegetation in an area near the pit.**

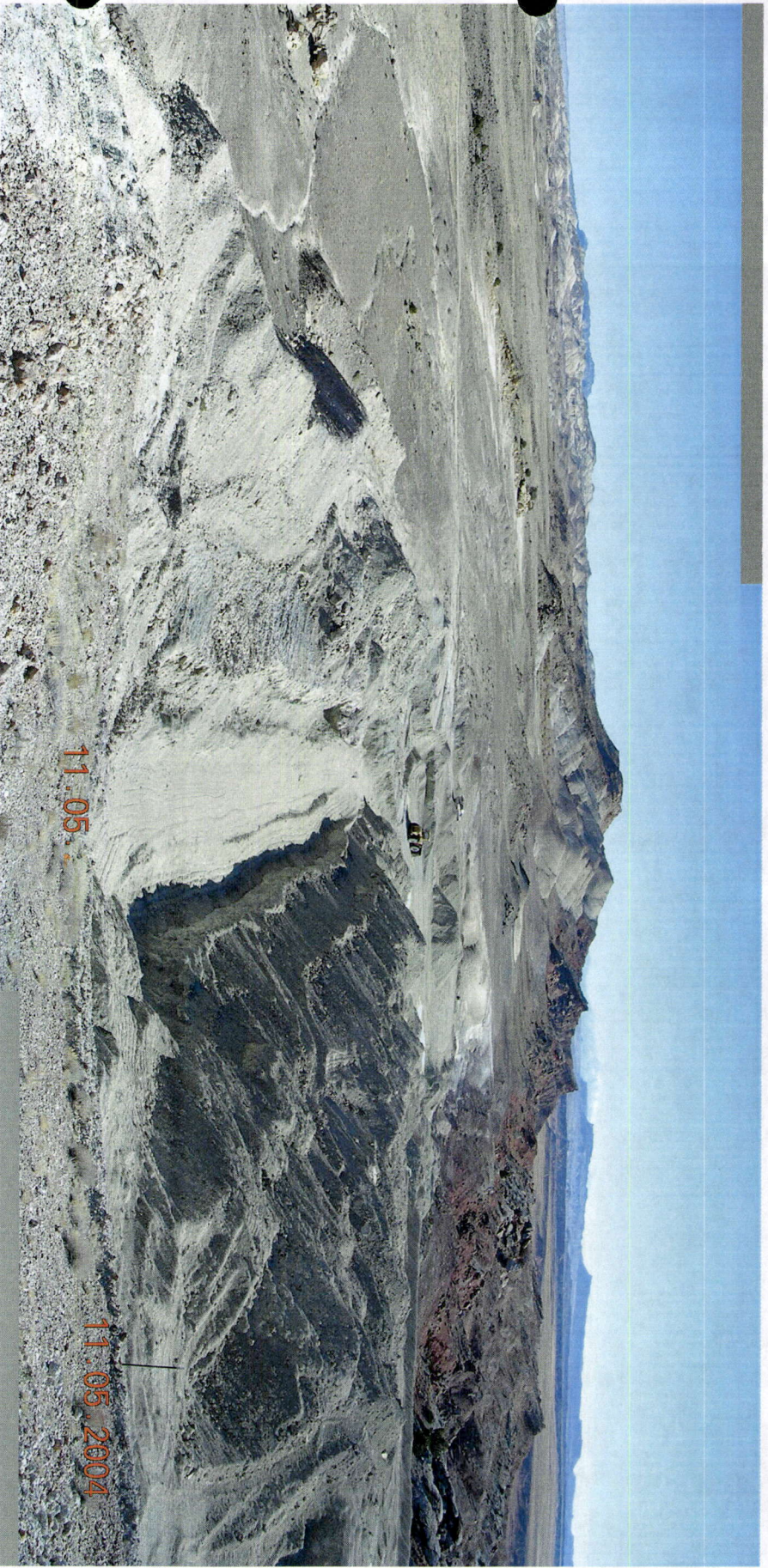


**Photo 2. Another undisturbed area near the pit. Note that the vegetation is concentrated in a low place next to the rill.**

**ATTACHMENT**  
**Photographs**

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**Photo 3. Composite of two photos showing the mine pit.**

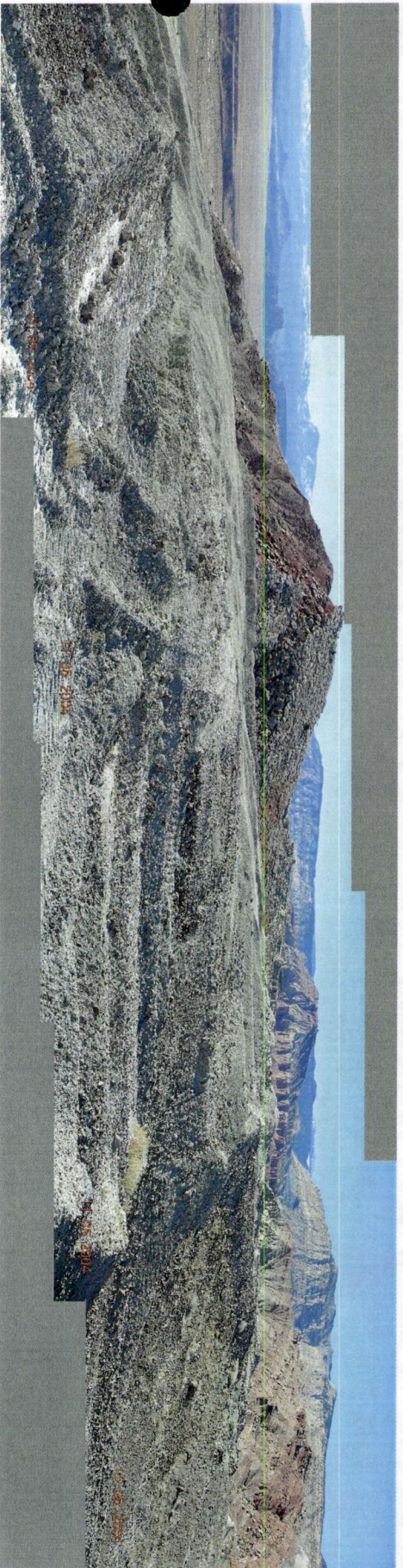


Photo 4. Disturbance north of the pit. This is a composite of five photos, and there is some distortion.



Photo 5. The deteriorated flags indicate there was an individual of *Pediocactus winkleri* here, but it appears the plant may have been dug up.